

EM Dual Induction Sonde

Provides logs in low conductivity mud, air-filled and plastic lined boreholes. Performance is best in higher conductivity formations. Produces Deep and Medium penetration logs differentiating between invaded and un-invaded zones. Probe can be used on its own or in combination with other Geovista sondes.

Specifications:

Length / Diam. /Weight	1.70 m / 45 mm / 5.0 kg
TX-RX Spacings	20" & 32"
Operating frequency	100 kHz
Conductivity Range	1 to 3000 mS/m (0.33 to 1000 Ohmm)
Max. Press. /Temp.	20M Pa / 70°C

Induced Polarisation Sonde

The Geovista IP sonde measures apparent formation chargeability and resistivity (Wenner) to detect the presence of disseminated ore bodies. In addition, a separate SP curve can be recorded on the way down, to help locate massive ore bodies.

Specifications:

Length / Diam. /Weight	2.08 m / 42 mm / 8.0 kg
Method of measurement:	Time Domain with 220 ms cycle time
Electrode spacing:	40 cm, in Wenner array configuration
Resistivity range:	1-1000 Ohmm
SP Range:	-2.5V to +2.5V
Max. Press. / Temp:	20MPa / 80° C

Magnetic Susceptibility Sonde

This is a two coil electromagnetic sonde designed to measure a wide range of apparent formation magnetic susceptibility.

Specifications:

Length / Diam. /Weight	1.37 m / 45 mm / 4.5 kg
Range Options:	10^{-5} to 2 SI units @ 30 cm spacing
Frequency:	2 kHz
Max. Press. /Temp.	20M Pa / 75°C

3-Axis Magnetometer Sonde

This sonde measures the strength of the local magnetic field in three (X-Y-Z) axis. Sensors come in three versions, basic, standard and low noise according to their measurement noise floor. The sonde is also equipped with a two axis (X-Y) accelerometer for the correction of the magnetometer outputs in inclined boreholes.

Specifications:

Length / Diam. /Weight :	0.71 m / 38 mm / 3.5 kg
Optional Range (per axis):	$\pm 70\mu\text{T}$ / $\pm 100\mu\text{T}$ / $\pm 250\mu\text{T}$ / $\pm 500\mu\text{T}$ / $\pm 1000\mu\text{T}$
Max. Press. /Temp. :	20M Pa / 70°C



Geovista reserve the right to change the products' list and specifications without prior notice